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(21) International Application Number: PCT/GB99/03269 (22) International Filing Date: 4 October 1999 (04.10.99) (30) Priority Data: 9822576.6 16 October 1998 (16.10.98) GB (71) Applicant (for all designated States except US): JOHNSON MATTHEY PUBLIC LIMITED COMPANY [GB/GB]; 2-4 Cockspur Street, Trafalgar Square, London SW1Y 5BQ (GB). (72) Inventors; and (75) Inventors/Applicants (for US only): GASCOYNE, John, Malcolm [GB/GB]; Lyduska, Routs Green, Bledlow Ridge, High Wycombe, Bucks HP14 4BB (GB). HARDS, Graham, Alan [GB/GB]; Chestnut Cottage, Tokers Green Lane, Tokers Green, Reading RG4 9EB (GB). HOGARTH, Martin, Philip [GB/GB]; 51 Orchard Avenue, Sonning Common, Reading RG4 9LT (GB). RALPH, Thomas, Robertson [GB/GB]; 94 Shaftesbury Road, Reading, Berkshire RG30 2QJ (GB). (74) Agent: WISHART, Ian, Carmichael; Johnson Matthey Technology Centre, Blounts Court, Sonning Common, Reading RG4 9NH (GB).		(81) Designated States: CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>
(54) Title: PROCESS FOR PREPARING A SOLID POLYMER ELECTROLYTE MEMBRANE		
(57) Abstract A process for preparing a solid polymer electrolyte membrane comprising an ion-conducting polymer, a catalyst and a high surface area support material, which process comprises: (a) associating the catalyst with the support material to form a catalysed support; and (b) combining the catalysed support with an ion-conducting polymer composition; is disclosed. Also disclosed is a membrane electrode assembly and a fuel cell comprising a solid polymer electrolyte membrane prepared by the process of the invention.		